

**Kentucky Student Edition**

Student Edition

Teacher Edition Package includes a 2 volume set. See details on Teacher Edition sheet.

Teacher Edition	
002108372X	\$150.00
Kentucky Teacher Wraparound Edition Package, Grade 6	
0078804779	\$75.00
Kentucky Teacher Wraparound Edition, Vol 1, Grade 6	
0078882621	\$75.00
Kentucky Teacher Wraparound Edition, Vol 2, Grade 6	
0078804779	\$75.00
Math Connects: Concepts, Skills, and Problem Solving, Course 1, KY Edition	
0078882621	\$75.00
Math Connects: Concepts, Skills, and Problem Solving, Course 1, KY Edition	
Essential Items	
Ancillary Items	
0078697077	\$129.99
Educational Strategies DVD, 6-12	
0078697085	\$27.99
Educational Strategies Guide, 6-12	
0078749247	\$149.97
Educational Strategies in Mathematics Professional Development Video Workshop DVD Package, 6-12	
0078773172	\$21.60
ELL Strategies for the Mathematics Classroom, 6-12, Grade 6	
0078766036	\$49.98
Graphing Calculator Easy Files CD-ROM, Grade 6	
0078902398	\$76.80
Kentucky StudentWorks™ Plus CD-ROM, Grade 6	
0078902401	\$76.80
Kentucky StudentWorks™ Plus DVD, Grade 6	
0078902525	\$189.00
Kentucky TeacherWorks™ Plus DVD, Grade 6	
0078607213	\$7.98
Math Skills Maintenance Workbook, Grade 6	
0078778999	\$9.99
Noteables: Interactive Study Notebook with Foldables, Grade 6	
0078600839	\$24.21
Quick Review Math Handbook Student Edition, Grade 6	
0078602556	\$31.98
Quick Review Math Handbook Teacher Edition, Grade 6	
0078788986	\$15.48
Reading & Writing in the Mathematics Classroom, 6-12	
0078807433	\$199.95
Super DVD, Grade 6	
Free with Purchase items	
0021067791	\$190.95
Video Portfolio DVD, K-6	
1 per school with purchase of a classroom set of Student Editions at K-6	
0021067813	\$18.00
Video Portfolio Guide Book, K-6	
1 per school with purchase of a classroom set of Student Editions at K-6	
0021080747	
Teacher Resource Package, Grade 6	

Contract Price

\$58.80

Grade

6

TYPE

P1

Copyright

2010

Author

Altieri and others

Edition

First

Content

Mathematics

Readability

860

Accessibility

Nimas

Research

Contact Publisher

**Kentucky Student Edition**

1 per teacher with purchase of a classroom set of Student Editions

0021083223	Teaching Mathematics and Science with Foldables, Grades K-6	\$14.97
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Included in Teacher Resource Package

0028331168	Classroom Manipulative Kit, 6-12	\$450.00
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Option 2. 1 per teacher with purchase of a classroom set of Student Editions

0028336542	Student Manipulative Kit, 6-12	\$18.48
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Option A Choose 1 of 2 options. Option 1. Classroom set with purchase of a classroom set of Student

0078305934	Overhead Manipulative Resources, 6-12	\$231.00
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Option 2. 1 per teacher with purchase of a classroom set of Student Editions

0078607213	Skills Maintenance Workbook	\$3.99
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Choice A: Choose 1 of 3 items per student, Print Option Only

0078746450	Scanner	
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Free Per School (Ratio 1 free Per 250 Student Editions Purchased): Print Option Only (NOT AVAILABLE)

0078746493	Turning Point Response Technology System & Software	
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Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or

0078756448	Interactive Whiteboard System & Software	
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Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or

0078762324	Laptop	
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Hardware Choice: Choose 1 of 4 Options Per Teacher (0078746493 or 0078762324 or 0078885310 or

0078766036	Graphing Calculator Easy Files CD-ROM	\$49.98
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Free Per Teacher, Print Option Only

0078773172	ELL Strategies for the Mathematics Classroom	\$20.97
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Free Per Teacher, Print Option Only

0078779103	5-Minute Check Transparencies with Standardized Test Practice	\$48.00
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Free Per Teacher, Print Option Only

0078779103	5-Minute Check Transparencies with Standardized Test Practice,	\$48.00
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Option B Choose 1 of 2 options. Option 1. 1 per teacher with purchase of a classroom set of Student

0078782937	Graphic Novels	\$12.99
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Free Per Teacher, Print Option Only

0078782937	Real-World Problem Solving Graphic Novel, Book 1 , Grade 6	\$12.99
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Included in Teacher Resource Package

0078788447	Implementation Module Gr 6-8 CD-ROM	\$49.98
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Free Per School, Print Option Only

0078788447	Teach, Use and Succeed CD-ROM, Grade 6-8	\$49.98
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1 per school with purchase of a classroom set of Student Editions at K-6

0078788978	Real-World Investigations for Differentiated Instruction	\$20.97
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Free Per Teacher, Print Option Only

0078788978	Real-World Investigations for Differentiated Instruction, 6-8	\$21.60
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Included in Teacher Resource Package

0078791863	Chapter Resource Masters Package, Grade 6	\$293.49
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Included in Teacher Resource Package

0078805538	ExamView® Assessment Suite CD-ROM, 6-8	\$129.99
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1 per teacher with purchase of a classroom set of Student Editions

0078805546	Interactive Classroom CD-ROM	\$99.00
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Free Per Teacher, Print &amp; Tech Option

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0078804760	Publisher - Macmillan/McGraw-Hill		Provided by the Publisher
	<b>Kentucky Student Edition</b>			
	Type - P1	Author - Altieri and others		
	Copyright - 2010	Edition - First	Readability - 860	
	Course - Mathematics		Grade(s) - 6	
Teacher Edition ISBN if applicable ..... 002108372X				

<b>Overall Recommendation:</b>  <b>Overall Strengths, Weaknesses, Comments:</b>  <b>See below! We were impressed with this basal.</b>	<b>Recommended as BASAL</b>  if this box is not checked, the evaluators have chosen NOT recommend as basal
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NIMAC Accessibility      N  
 Ancillary                      Yes  
 Free with Purchase        Yes  
 Research                      Yes      Contact Publisher

Student Edition

### CRITERIA

This basal resource ...

<b>A. Encompasses KY Content Standards &amp; Grade Level Expectations    Moderate Evidence</b>	
Text is designed to be used in an elective course outside the Program of Studies	
<b>1) Includes the 5 Big Ideas of mathematics to the following extent:</b>	
a) Number Properties and Operations	Moderate Evidence
b) Measurement	Strong Evidence
c) Geometry	Moderate Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Moderate Evidence
<b>2) Addresses content-specific enduring understandings from the related Program of Studies standards.</b>	
	Strong Evidence
<b>3) Addresses content-specific skills and concepts from the related Program of Studies standards.</b>	
	Strong Evidence
<b>4) Content addressed is current, relevant and non-trivial</b>	
	Strong Evidence
<b>5) Provides opportunities for critical thinking/reasoning</b>	
	Strong Evidence
<b>6) Strengths, Weaknesses, Comments:</b>	

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Inverse operations is missing (addition/subtraction, etc.); descriptions of line relationships is limited and separated in the concept skills bank (Concept skills bank is at the end of textbook); Discussion of regular polygons is very limited; Inequalities is extremely limited, there were only 2 pages dedicated to inequalities

Strengths: the textbook contains lots of visuals and manipulative approaches to teaching concepts; the Core Content and Program of Studies are clear in the text and broken down in the lessons; Spiral reviews and KCCT practice questions are included in each section; Differentiated strategies (notetaking tips, etc.) throughout the lessons would greatly benefit students; multiple examples for the concepts and levels of difficulty separated in each section.

## **B. Functionality & Suitability**

## **Strong Evidence**

### **1) Suitability**

### **Moderate Evidence**

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

### **2) Content quality**

### **Strong Evidence**

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

### **3) Connections to Literacy**

### **Strong Evidence**

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

*Note: may apply to either student or teacher editions*

### **4) Connections to Technology**

### **Strong Evidence**

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

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**5) Support for Diverse Learners**

**Strong Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

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**6) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Very clearly differentiates for ELL, AL, BL, and OL students; includes specific graphing calculator labs; has companion websites included in each section of text; multiple representations/manipulatives/foldable note taking strategies are included; many examples come from Kentucky; also includes outside cultural examples as well.

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**C. Supports Inquiry and Skill Development**

**Moderate Evidence**

**1) Promotes Inquiry, research and Application of Learning**

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

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**2) Skill Development**

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

Strengths: Includes many different charts and graphs; includes HOT (higher order thinking) problems throughout that make real-world connections; emphasized keeping a problem solving notebook

Does not include many opportunities for students to research and ask deeper questions within the content.

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<b>D. Supports Best Practices of Teaching and Learning</b>	<b>Strong Evidence</b>
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**1) Engages Students**

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

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**2) Uses Assessment to Inform Instruction**

Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Assessments are mostly comprised of standard problem sets (multiple choice, true and false, etc); there was no evidence of performance based assessments; only one extended response question per chapter; assessments look similar to the KCCT; chapters include review sections.

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<b>E. Has an Organization/ Format that Supports Learning and Teaching</b>	<b>Moderate Evidence</b>
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**1) Organizational Quality**

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
  - Presents chapters/lessons in an organized and logical sequence
  - Provides clearly stated objectives for each lesson.
  - Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
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Evaluation Tool for Basal Instructional Materials  
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- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

All intervention/enrichment/reading guide worksheets are included only in with the free materials after purchasing textbooks; there are no essential components included with textbook purchase (student workbook etc.)

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**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

**Strong Evidence**

**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

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**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Comic book resource presents diverse cultures to students while teaching math concepts; student text is on CD; resources include a note taking workbook and a workbook with only WORD problems; resource book for investigations and research is included.

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